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TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER  
HI-0275

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/575857

INTERNATIONAL APPLICATION NO.  
PCT/KR2004/002635

INTERNATIONAL FILING DATE  
15 October 2004

PRIORITY DATE CLAIMED  
16 October 2003

TITLE OF INVENTION

MICROWAVE OVEN AND RADIATING STRUCTURE OF MICROWAVE IN MICROWAVE OVEN

APPLICANT(S) FOR DO/EO/US

Sang Ryul LEE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☐ An Assignment Document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A Preliminary Amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute Specification.
16. ☐ A Power of Attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: **PCT Request, Written Opinion, International Search Report**

U.S. APPLICATION (Unknown Section 37 CFR 1.5)

INTERNATIONAL APPLICATION  
PCT/KR2004/002635

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The following fees have been submitted:

|   |                                   | Calculations  | PTO User Only |
|---|-----------------------------------|---|---------------|
| 21. <input checked="" type="checkbox"/>   | Basic national fee ..... \$300.00 | \$ 300  |               |
| 22. <input checked="" type="checkbox"/>   | Examination fee                   | \$ 200  |               |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... 100.00  |                                   |   |               |
| All other situations..... \$200.00  |                                   |   |               |
| 23. <input checked="" type="checkbox"/>   | Search fee                        | \$ 400  |               |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$300.00  |                                   |   |               |
| International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400.00   |                                   |   |               |
| All other situations..... \$500.00  |                                   |   |               |
| <b>TOTAL OF 21, 22, and 23 =</b>  |                                   | <b>\$ 900</b>   |               |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. |                                   | \$  |               |
| Total Sheets  | Extra Sheets                      | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE          |
| - 100 =   | /50 =                             |   | x \$250.00    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |                                   | \$  |               |
| CLAIMS  | NUMBER FILED                      | NUMBER EXTRA  | RATE          |
| Total Claims  | 20 - 20 =                         | 0   | x \$50.00     |
| Independent Claims  | 3 - 3 =                           | 0   | x \$200.00    |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)   |                                   | + \$360.00  | \$            |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |                                   | <b>\$ 900</b>   |               |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |                                   | \$  |               |
| <b>SUBTOTAL =</b>   |                                   | \$  |               |
| Processing fee of \$130.00 for furnishing the English language translation later than 30 months from the earliest priority date (37 CFR 1.492(f))   |                                   | \$  |               |
| <b>TOTAL NATIONAL FEE =</b>   |                                   | <b>\$ 900</b>   |               |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) \$40.00 per property   |                                   | \$  |               |
| <b>TOTAL FEES ENCLOSED =</b>  |                                   | <b>\$ 900</b>   |               |
|   |                                   | Amount to be refunded:  | \$            |
|   |                                   | charged:  | \$            |

- a. ☒ A check in the amount of \$900.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.
- c. ☒ A duplicate copy of this sheet is enclosed.
- d. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0607. A duplicate copy of this sheet is enclosed.
- e. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.
- NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:  
CUSTOMER NO. 34610

FLESHNER & KIM, LLP  
P.O. Box 221200  
Chantilly, Virginia 22151-1200  
USA

SIGNATURE

John C. Eisenhart

NAME

38,128

REGISTRATION NUMBER